

*Common Imagery Interoperability  
Profile (CIIP) for Image Access  
(CIO-2069)*

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# *Overview*

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- ◆ **Background**
- ◆ **Status**
- ◆ **Current Issues**
- ◆ **Future Plans**

## *Background*

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- ◆ **CIIP created to profile the IAS APIs for USIS**
  - Implementation specifics
  - Driven by A3I requirements
- ◆ **CIIP also profiles other USIS (now USIGS) Interface Standards**
  - NITFS, SPID, SPIA
- ◆ **Initial issue (24 June 96) approved by ICCB on 8 Aug**
  - Most of the implementation details TBD
- ◆ **CIIP Working Group formed to develop details**
  - ~18 organizations represented (Govt. and Commercial)

## *Status*

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- ◆ **Three full CIIP WG meetings held**
  - 9/12, 10/3, 11/4
- ◆ **Two “ancillary” CIIP meetings held**
  - 10/25, 11/19
- ◆ **Four draft updates circulated for comment**
  - 9/26, 10/16, 10/30, 11/12
  - Concentrating on Section 4 - Requirements

## *Current Issues-Internal*

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- ◆ **CORBA Implementation target date**
  - Consensus that CORBA is right technology, but when?
  - Desire from some developers to go sooner than later
  - **CIIP WG soliciting input on pros and cons**
    - » Charlie Green acting as focal point (610-347-0602/cpg.sci@mindspring.com)
  - **Need to resolve ASAP to support prototyping and other development**
- ◆ **Support for Geospatial data**
  - Need to add former GGI&S requirements to A3I requirements
- ◆ **IDF and IP&NF definition**
  - Currently TBR in IAS Spec V1.0
  - Inputs during CIIP WG process have suggested mods
  - Looking to revise IASS prior to prototyping

## *Current Issues-External*

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- ◆ **Lack of progress on other CIIFs**
  - **Good news: Good progress has been made to include IAS APIs in ongoing study and development activities**
    - » IDEX, DE, IPL, Softcopy Exploitation Management (SEM), Dissemination Management Study
  - **Bad news: IAS APIs do not satisfy all interface requirements**
    - » Exploitation and dissemination management facilities needed to replace legacy ICDs and close the architecture
  - **Risk: New interfaces are being defined to meet specific objectives**
    - » May not be adequate to serve as common interfaces
    - » May result in dueling interfaces

## *Future Plans*

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- ◆ **Identify CIIP impacts from IASS V1.1 (Draft)**
- ◆ **Plan to wrap-up current CIIP definition activity by end of November**
  - **CIIP WG meeting to review - 5 December**
    - » In conjunction with NIMA ICWG meeting in VF
  - **Release formal RFC in mid-December**
    - » Include IAS Spec and CIIP
- ◆ **Beginning analysis of geospatial requirements impact on IAS Spec and CIIP**
  - **Expect to restart IAS Working Group**
- ◆ **Defining process to support IAS Prototyping**
  - **“Mini-CIIP”**
  - **Feedback from Prototyping**
- ◆ **Beginning discussions on adding Exploitation Support interfaces to CIIP**